Rosewill®

Wireless LAN PCI Card RNX-N300X

Quick Installation Guide

Quick Installation Guide

Draft N Wireless Adapter

The Quick Installation Guide will help you install RNX-N300X Rosewill Draft N Wireless Adapter, including basic hardware and software installation, as well as configuration of wireless networking availability. The Quick installation bases on establishing an unencrypted wireless network. For detailed instructions, please refer to the User Manual in the Resource CD.

Check the Package Contents

Before you start with the installation, verify that your PCI Adapter package includes the following items:

1. Rosewill 802.11n Wireless PCI Adapter x 1
2. External Antenna x 3
3. Low Profile Bracket x 1
4. Quick Installation Guide x 1
5. Resource CD x 1, including:
    - Rosewill Wireless N Client Utility and Driver
    - User Manual

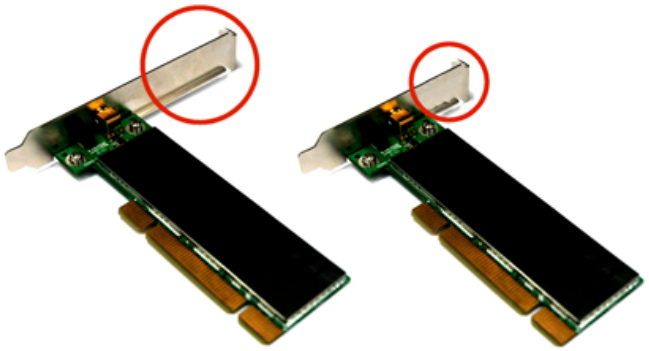
If any of these items are damaged or missing, please contact your Rosewill network supplier immediately.

Check the PCI Bracket

The standard PCI bracket to which the PCI Adapter is attached by default is for standard, full-height desktops. If you are using a low-profile desktop, you need to replace the standard bracket with the low-profile bracket for the PCI Adapter to fit the computer case.

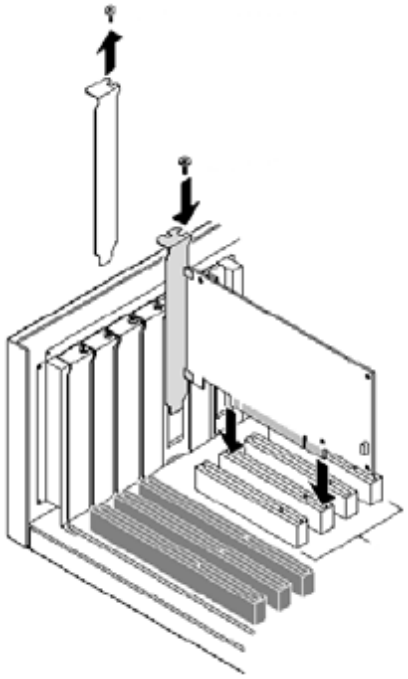
To replace the PCI bracket:

1. Remove the two screws that secure the PCI Adapter to the bracket. Save the screws to fasten the low-profile bracket later.
2. Replace the standard bracket with the low-profile bracket.
3. Fasten the PCI Adapter to the low-profile bracket using the screws you removed in step 1.



A. Hardware installation for RNX-N300X

1. Turn off desktop PC and disconnect the power
2. Open the PC case and locate an available PCI slot on the motherboard. Remove the metal slot cover on the back of the PC. Check with the computer manufacturer for instructions if needed.
3. Slide the PCI adapter into the PCI slot. Make sure that all of its pins are connected to the slot's contacts. Once the adapter is firmly in place, secure its fastening tab to your PC's chassis with a mounting screw. Then, close the PC case.
4. Reconnect the PC's Power and turn on the desktop.



If the Found New Hardware Wizard appears when Windows starts, click Cancel.

B. Install the PCI Adapter Driver on Windows XP

1. With the computer on and Windows running, insert the Installation CD into the CD-ROM drive. The Wireless 11g PCI Adapter Installation Manager Setup menu will appear.

If the setup menu does not appear, click Start > Run*, and then type* **d:\setup.exe** *(where* **d:** *is the drive letter assigned to your CD-ROM drive).*

2. On the setup menu, click Install Wireless Product. The wizard prepares for installation.
3. Click Next. The Wireless Utility welcome screen End User Software License Agreement appears.
4. Read the agreement carefully, and then click I accept the terms of the license agreement to agree to all the terms and conditions. Now click Next.
5. Choose your country and then click Next.
6. When the message *Install Shield Wizard Complete* appears, click Finish.
7. On the setup menu, click Exit.

You have completed installing the PCI Adapter driver.

C. Install the PCI Adapter Driver on Windows Vista

1. With the computer on and Windows running, insert the Installation CD into the CD-ROM drive. The Wireless PCI Adapter Installation Manager setup menu appears.
   If the setup menu does not appear, *click > All Programs >Accessories > Run, and then type* ***d:\setup.exe*** *(where d: is the drive letter assigned to your CD-ROM drive).*
2. On the setup menu, click Install Wireless Product. The wizard prepares for installation.
3. Click Next. The End User Software License Agreement appears.
4. Read the agreement carefully, and then click I accept the terms of the license agreement to agree to all the terms and conditions. Now click Next.
5. Choose your country and then click Next.
6. When the message *InstallShield Wizard Complete appears*, click Finish.
7. On the setup menu, click Exit.

You have completed installing the PCI Adapter driver.

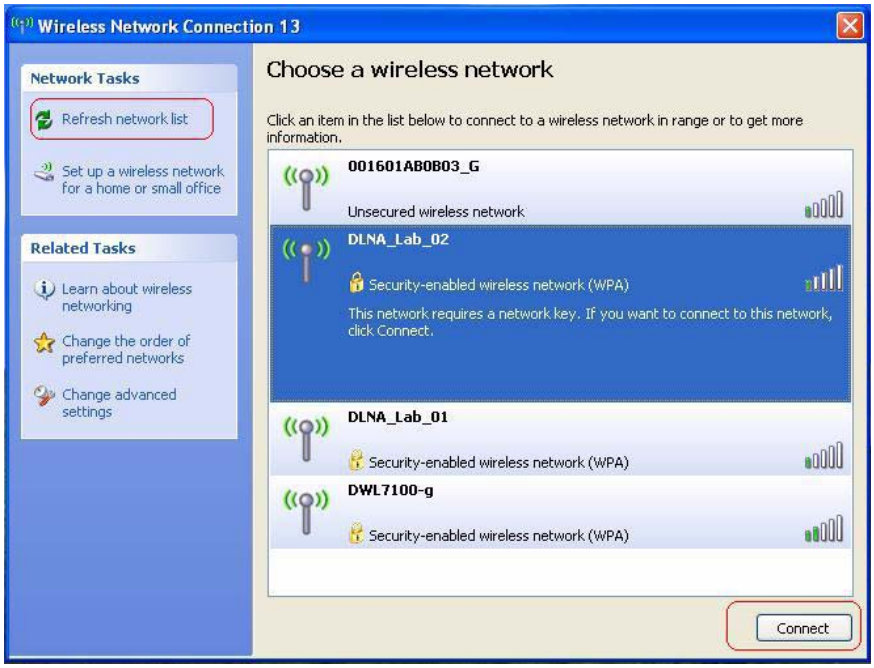
D. Connecting on Windows XP

By default, the PCI Adapter now scans for access points in range. If you want to connect to a specific access point, you must configure your wireless connection using the Windows Zero Configuration (WZC) tool.

Ensure that you have Windows XP Service Pack 2 installed on your computer.

Ensure that the Use Windows to configure my wireless network settings check box is selected in the Wireless Network Connection Properties *tab.*

1. Click the network icon in the system tray to view *Wireless Networks*.


Wireless Network Connection 13
Network Tasks
Refresh network list
Set up a wireless network for a home or small office
Related Tasks
Learn about wireless networking
Change the order of preferred networks
Change advanced settings
Choose a wireless network
Click an item in the list below to connect to a wireless network in range or to get more information.
001601AB0B03_G
Unsecured wireless network
DLNA_Lab_02
Security-enabled wireless network (WPA)
This network requires a network key. If you want to connect to this network, click Connect.
DLNA_Lab_01
Security-enabled wireless network (WPA)
DWL7100-g
Security-enabled wireless network (WPA)
Connect

2. Click Refresh network list to reload and search for available wireless devices. Select a wireless network in the list and click Connect to join the selected wireless network.

3. If wireless security is activated for the selected wireless network, the Wireless Network Connection Window appears. Input the Network key and click Connect.

Wireless Network Connection
The network 'DLNA_Lab_02' requires a network key (also called a WEP key or WPA key). A network key helps prevent unknown intruders from connecting to this network.
Type the key, and then click Connect.
Network key:
Confirm network key:
Connect
Cancel

4. If there is no security activated for the selected wireless network, a warning window appears. Click Connect Anyway.

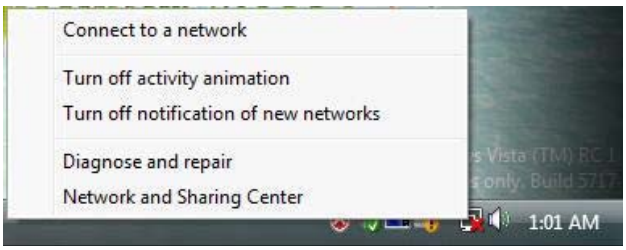
Wireless Network Connection
You are connecting to the unsecured network "001601AB0B03_G".
Information sent over this network is not encrypted and might be visible to other people.
Connect Anyway
Cancel

5. Close the Wireless Network Connection list window

E. Connecting on Windows Vista

The PC will begin functioning in Station Mode (as a Client) with your Wireless LAN network as soon as the Network Key is set up. *If you do not have an existing wireless network, first set up your wireless router before you use your PC in Station Mode.*

1. Start your PC and connect with an existing WLAN AP.
2. Have the Network Key (WEP Key or WPA Key) ready if your Wireless Network requires security code.
3. Right click on the Wireless Network icon in the system tray. There are two Network icons in the system tray. The wireless network connection icon is shown here:



4. Select Connect to a network from the Wireless Network icon menu. The Wireless Network Connection dialog box appears, as shown here:

5. Select the Wireless Network of your choice by clicking on its name. The entire block is highlighted.
6. Select Connect in the lower right corner. The next Wireless Network Connection dialog box appears, shown here:

Connect to a network
Type the network security key or passphrase
The person who setup the network can give you the key or passphrase
Security key or passphrase:
Display characters
If you have a USB flash drive with network settings for 3Com, insert it now.
Connect
Cancel

7. Enter the Network Key (WEP Key or WPA Key) for your Wireless Network.

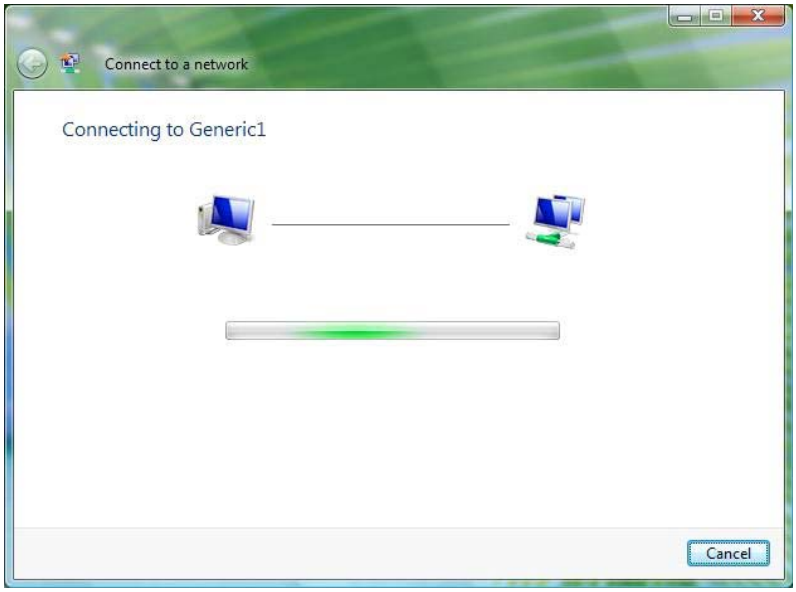
If your network is using WEP encryption, then a HEX or an ASCII format is necessary when entering your Network key:

- ***HEX —*** *10 Characters in HEX notation for 40 bit or 26 characters for 128 bit encryption.*
- ***ASCII —*** *5 Characters for 40 bit or 13 characters for 128 bit encryption.*

If your network is using WPA or WPA2 encryption, you must enter an 8 – 63 character alphanumeric key-phrase.

8. Select Connect.

   The Wireless Network Connection dialog box appears again as you are being connected.



   Once successfully connected to your wireless signal, as shown below, click the check box to *Save this network. Start this connection automatically* should also be enabled.

9. Click Close.